

Substitute for form 1449A/PTO  <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;">(Use as many sheets as necessary)</p>			<b>Complete if Known</b> Application Number 10/759,496 Filing Date January 16, 2004 First Named Inventor Franzen Art Unit 1634 Examiner Name Bradley L. Sisson Attorney Docket Number 297/178/2		
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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	US-3,607,691	09-21-1971	Goldberg et al.	
	2	US-5,082,627	01-21-1992	Stanbro	
	3	US-5,412,087	05-02-1995	McGall et al.	
	4	US-5,503,728	04-02-1996	Kaneko et al.	
	5	US-5,669,979	09-23-1997	Elliott et al.	
	6	US-5,866,336	02-02-1999	Nazarenko et al.	
	7	US-5,874,046	02-23-1999	Megerle	
	8	US-5,922,537	07-13-1999	Ewart et al.	
	9	US-6,090,933	07-18-2000	Kayyem et al.	
	10	US-6,051,378	04-18-2000	Monforte et al.	
	11	US-6,063,573	05-16-2000	Kayyem	
	12	US-6,127,127	10-03-2000	Eckhardt et al.	
	13	US-6,171,793	01-09-2001	Phillips et al.	
	14	US-6,301,038	10-09-2001	Fitzmaurice et al.	
	15	US-6,361,944	03-26-2002	Mirkin et al.	
	16	US-6,361,994	03-26-2002	Hudson et al.	
	17	US-2002/0094526	07-18-2002	Bayley et al.	
	18	US-2002/0127574	09-12-2002	Mirkin et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>2</sup> - Number <sup>3</sup> - Kind Code <sup>4</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	† <sup>6</sup>

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	19	US-2002/0160195	10-31-2002	Halas et al.	
	20	US-2003/0034486	02-20-2003	Korgel	
	21	US-2003/0044805	03-06-2003	Mirkin et al.	
	22	US-2003/0077625	04-24-2003	Hutchison	
	23	US-2004/0053222	03-18-2004	Storhoff et al.	
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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			
	24	WO1998/04740	02-05-1998	Mirkin et al.		
	25	WO1999/51778	10-14-1999	Barton et al.		
	26	WO2001/00876	06-26-2000	Mirkin et al.		

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## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	27	Bassett, Jr., et al., <i>Gene expression informatics-it's all in your mine</i> . <u>Nature Genomics</u> . Vol. 21 pgs.:51-55 (1999).	
	28	Beier et al., <i>Production by quantitative photolithographic synthesis of individually quality checked DNA microarrays</i> . <u>Nucleic Acids Research</u> . Vol. 28, No. 4 pgs.:i-vi (2000).	
	29	Bowtell, <i>Options available – from start to finish – for obtaining expression data by microarray</i> . <u>Nature Genomics</u> . Vol. 21 pgs.:25-32 (1999).	
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	32	Cheung et al., <i>Making and reading microarrays</i> . <u>Nature Genomics</u> . Vol. 21 pgs.:15-19 (1999).	
	33	Cole et al., <i>The genetics of cancer – a 3D model</i> . <u>Nature Genomics</u> . Vol. 21 pgs.:38-41 (1999).	
	34	Debouck et al., <i>DNA microarrays in drug discovery and development</i> . <u>Nature Genomics</u> . Vol. 21 pgs.:48-50 (1999).	
	35	Drouard et al., <i>CdS nanoparticle-modified electrodes for photoelectrochemical studies</i> . <u>Chemical Communications</u> . pgs.:67-68 (1999).	
	36	Dubiley et al., <i>Fractionation, phosphorylation and ligation on oligonucleotide microchips to enhance sequencing by hybridization</i> . <u>Nucleic Acids Research</u> . Vol. 27, No. 12 pgs.:2259-2265 (1997).	

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	37	Duggan et al., <i>Expression profiling using cDNA microarrays</i> . <u>Nature Genomics</u> . Vol. 21 pgs.:10-14 (1999).	
	38	Ferguson et al., <i>A fiber-optic DNA biosensor microarray for the analysis of gene expression</i> . <u>Nature Biotechnology</u> . Vol. 14 pgs.:1681-1684 (1996).	
	39	Hacia. <i>Resequencing and mutational analysis using oligonucleotide microarrays</i> . <u>Nature Genomics</u> . Vol. 21 pgs.:42-47.	
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	42	Lipshutz et al., <i>High density synthetic oligonucleotide arrays</i> . <u>Nature Genomics</u> . Vol. 21 pgs.: 20-24 (1999).	
	43	Lockhart et al., <i>Expression monitoring by hybridization to high-density oligonucleotide arrays</i> . <u>Nature Biotechnology</u> . Vol. 14 pgs.:1675-1684 (1996).	
	44	Lowe, Lisa et al., <i>Laser-induced Temperature Jump Electrochemistry on Gold Nanoparticle-Coated Electrodes</i> . <u>Journal of the American Chemical Society</u> . Vol. 125, No. 47 pgs.:14258-14259 (2003).	
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	47	Microarrays and Related Technologies: Miniaturization and Acceleration of Genomic Research, Report 8, May 2001 <u>Cambridge Healthtech Institute's Genomic Reports Series</u> .	
	48	Notification Concerning Transmittal of Copy of International Preliminary Report on Patentability (Chapter I of the Patent Cooperation Treaty) corresponding to International Application No. PCT/US2004/036178 dated May 11, 2006.	
	49	Notification Concerning Transmittal of Copy of International Preliminary Report on Patentability (Chapter I of the Patent Cooperation Treaty) corresponding to International Application No. PCT/US2004/036426 dated May 11, 2006.	
	50	Notification of Transmittal of the International Preliminary Examination Report corresponding to International Application No. PCT/US02/23174 dated September 2, 2004.	
	51	Notification of Transmittal of the International Search Report and the Written Opinion of the International Searching Authority, or the Declaration corresponding to International Application No. PCT/US2004/036178 dated February 21, 2005.	
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	54	Official Action corresponding to U.S. Patent Application Serial No. 10/236,205 dated August 22, 2005.	
	55	Official Action corresponding to U.S. Patent Application Serial No. 10/236,205 dated April 27, 2006.	
	56	Official Action corresponding to U.S. Patent Application Serial No. 10/236,205 dated November 1, 2006.	

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	57	Official Action corresponding to U.S. Patent Application Serial No. 10/236,205 dated May 17, 2007.	
	58	Official Action corresponding to U.S. Patent Application Serial No. 10/236,205 dated February 26, 2008.	
	59	Official Action corresponding to U.S. Patent Application Serial No. 10/236,205 dated January 8, 2009.	
	60	Official Action corresponding to U.S. Patent Application Serial No. 10/978,678 dated October 13, 2006.	
	61	Official Action corresponding to U.S. Patent Application Serial No. 10/978,678 dated May 25, 2007.	
	62	Official Action corresponding to U.S. Patent Application Serial No. 10/978,678 dated August 11, 2008.	
	63	Official Action corresponding to U.S. Patent Application Serial No. 10/978,678 dated April 29, 2009.	
	64	Official Action corresponding to U.S. Patent Application Serial No. 10/978,756 dated February 27, 2007.	
	65	Official Action corresponding to U.S. Patent Application Serial No. 10/978,756 dated November 27, 2007.	
	66	Official Action corresponding to U.S. Patent Application Serial No. 10/978,756 dated March 19, 2009.	

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	67	Park, So-Jung et al., <u>Array-Based Electrical Detection of DNA with Nanoparticle Probes. Science</u> . Vol. 295 pgs.:1503-1506 (2002).	
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Substitute for form 1449B/PTO			<b>Complete if Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>			<b>Application Number</b>	10/759,496	
			<b>Filing Date</b>	January 16, 2004	
			<b>First Named Inventor</b>	Franzen	
			<b>Art Unit</b>	1634	
			<b>Examiner Name</b>	Bradley L. Sisson	
<b>Sheet</b>	8	of	8	<b>Attorney Docket Number</b>	297/178/2

(Use as many sheets as necessary)

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	77	Written Opinion of the International Searching Authority corresponding to International Application No. PCT/US2002/23174 dated May 14, 2004.	
	78	Written Opinion of the International Searching Authority corresponding to International Application No. PCT/US2004/036178 dated May 11, 2006.	
	79	Written Opinion of the International Searching Authority corresponding to International Application No. PCT/US2004/036426 dated May 11, 2006.	
	80	Yershov et al., <i>DNA analysis and diagnostics on oligonucleotide microchips</i> . <i>Proc. Natl. Acad. Sci. USA</i> . Vol. 93 pgs.:4913-4918 (1996).	

<b>Examiner Signature</b>	<b>Date Considered</b>
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

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